

1986 Editorial Index

Index to Volume 91, January—December 1986

Abbreviations used: (CS) Computer Scene, (DtW) Developments to Watch, (ES) Economic Scene, (OI) Operating Ideas, (WS) Washington Scene

The categories appearing in this index are:

Accidents	Computerized applications	Health	National Coal Council	Sales
Acid mine drainage	Construction	Hungary	Natural gas	Scotland
Acquisitions	Conventions	Hydraulics	Nevada	South Africa
Alabama	Conveyors	Illinois	New Mexico	South Korea
Alaska	Court actions	India	New York	Spain
American Mining Congress	Crime	Indiana	Nigeria	Statistics, coal
Analysis, coal	Deep mining	Indians (American)	North Carolina	Strikes
Anthracite	Demand	Indonesia	Nuclear power	Surface mining
Australia	Department of Energy	International	Office of Surface Mining	Switzerland
Austria	Developments to Watch	Interstate Commerce	Ohio	Synthetic fuels
Awards	Dewatering	Commission (ICC)	Oil and oil shale	Synthetic Fuels Corporation
Benefits	Disasters	Ireland	Oklahoma	Taxes
Bituminous Coal Operators	Dozers	Israel	Oregon	Tennessee
Association Black lung disease	Drilling	Italy	Pakistan	Tennessee Valley Authority
Blasting	Dust	Japan	Pennsylvania	Texas
Books	Economic Scene	Kentucky	People	Training
Brazil	Economics	Labor	Peru	Trucks and trucking
Bureau of Mines	Energy (all fuels)	Laws and legislation	Philippines	United Mine Workers
Canada	Energy Information	Lignite	Pipelines	USSR
China	Administration	Liquefaction	Planning	Utah
Closing, reopening of mines	Environment	Lubrication	Pneumatics	Utilities
Coal	Equipment News	Machinery	Poland	Venezuela
"Coal Age"	Expansions	Magnetite	Preparation	Ventilation
Coal Employment Project	Exploration	Maintenance	Production	Virginia
Coal history	Exports, imports	Management	Production Statistics	Washington Scene
Coal leasing	Florida	Manufacturers	Puerto Rico	Water transport
Coal-oil mix	Fluidized bed combustion	Marketing	Railroads	West Virginia
Coal usage (conversion to)	Forecasts	Maryland	Reclamation	Wisconsin
Coal-water fuels	Gasification	Mergers	Refuse disposal	Wyoming
Cogeneration	Georgia	Methane	Regulations	Yugoslavia
Coke and coking	Government	Mine rescue techniques	Research	Zambia
Colombia	Great Britain	Mine Safety and Health	Reserves	Zimbabwe
Colorado	Greece	Administration	Romania	COMPANY INDEX
Communications	Montana	National Coal Association (NCA)	Roof support	AUTHOR INDEX
Computer Scene	Haulage		Safety	

GENERAL INDEX

Accidents, see also Disasters; Safety

Blasting fatalities bring scrutiny of electric ignition system (News) Aug 25
Coal mine fatality rate dropped in first nine months, 1985 (News) Jan 23
Deadly cavity (News) Aug 31
Fatalities, injuries up in first quarter (News) Jul 15

Five die in accidents at anthracite mines in Pennsylvania (News) Jan 19
Letters to the editor Oct 56

Operator fined (News) Aug 31

67 died in coal mine accidents in 1985 (News) Feb 15

Study analyzes hand, finger injuries (News) Nov 19

Suit (News) Apr 37

Three miners die in Illinois roof fall (News) Aug 25

Violations cited in Consol accident (News) Mar 19

Acid mine drainage

Surfactants can control acid mine drainage (OI) Jul 61

Acid rain, see Environment

Acquisitions, see also "Company Index"; Expansions; Mergers; Sales

Arch Minerals may buy Diamond Shamrock Coal for \$135 million (News) Sep 21

Basic changes underlie recent acquisitions (News) Nov 11

Black Beauty Resources is on block (News). Dec

Castle Gate acquisition completed (News) Jul 30

Company must accept UMW union with mine it acquired (News) Feb 19

Consol acquires reserves to expand into new markets (News) Oct 17

Consol buys Inland Steel's mines (News) Dec

Cyprus Coal buys into mining's big time ... Oct 44

Eastern Associated Coal sells Keystone (News) Oct 33

P&M acquires North River Energy Co (News) Aug 25

Pittston acquires Paramount to aid its steam coal position (News) Aug 27

R&P bids to acquire Barnes & Tucker (News) Jan 36

VP will sell Laural Run to Island Creek (News) Aug 19

Agreements, see Labor; Machinery; Mines; Sales

Air pollution, see Environment

Alabama

Deeper ports might attract more coal to Mobile,

Baltimore (News) Sep 18

Florida buys Alabama coal (News) Nov 31

If 4-in. turtle is endangered, so is Alabama's coal industry (News) Oct 17

Mobile plans to deepen its channel to aid coal exporters (News) Mar 25

Nerco sells Alabama coal operations (News) Feb 19

Alaska

Diamond Shamrock plans Alaskan coal mine project (News) Jan 39

American Mining Congress (AMC)

Coal miners meet in the Steel City Apr 65

New chief knows Washington's inner workings (News) Feb 23

Analysis, coal

Seismology may cut cost of finding and analyzing coal (DtW) Aug 71

Sorting shale from coal ... a new line of research proves promising (DtW) Sep 112

Trace-particle technique improves diagnostics in coal preparation (DtW) Apr 89

Anthracite

Bituminous instead (News) Jan 41

Five die in accidents at anthracite mines in Pennsylvania (News) Jan 19

For Korea (News) Nov 33

Refuse passes tests as fuel for heating (DtW) Mar 71

South Korean contract (News) Aug 32

Augers, see Drilling

Australia

Coal for technology (News) Mar 32

Coal terminal is a supermarket offering 100 different blends ... Nov 58

Consolidation buys Sierra Coal from Australian company (News) Aug 23

Density tracers give option to float-sink tests May 60

Exploration (News) Feb 37

Higher capacity (News) Apr 39

Mine opening (News) Mar 32

Prospects down (News) Jan 43

Unprofitable (News) Apr 39

Austria

Mobile roof support successful in South African mine trials (DtW) Jun 149

Automation, see Computerized applications

Awards

Consol award (News) Nov 31

Reclamation awards (News)	Sep 45	Amax Coal plans to reopen Price River as Castle Gate (News)	Jun 33	Celebrating more than 75 years in the coal industry	Jun 52
Safe mines (News)	Jul 30	British closing (News)	May 35	Coal Age and coal, 75 years of interaction	
Belts, see Conveyors		Cadeby closed (News)	Sep 47	It takes fewer men to make cleaner coal	Jun 127
Benefits		With careful planning, a mine closes economically and efficiently	Nov 42	Laws increase constraints	Jun 125
Internal union dispute centers on pension fund payments (News)	Jun 19	Closed early (News)	May 33	Modern deep mining: revolutionary, evolutionary	Jun 59
Bituminous, see Coal; Production Statistics; Statistics, coal		Closed in Ky., ... and in W. Va. (News)	Jan 41	New coal-burning systems are on the threshold	
Bituminous Coal Operators Association (BCOA)		Coking mine closed (News)	Sep 47	1911-1986: coal's rise and fall and rise	Jun 105
Union adopts an aggressive stance (News)	Oct 11	Colorado Westmoreland plans to reopen Orchard Valley (News)	Oct 30	Surface mining of coal .. growth through evolution	Jun 47
Black lung disease		Fewer British mine closings (News)	Jun 37	UMW consolidates its hold	Jun 69
University of Kentucky wins grant for miner X-ray program (News)	Jan 23	Fire forces Westmoreland's Orchard Valley mine to close (News)	Jul 27	Coal inventory, see Reserves	
Blasting		Gatlin to reopen underground mine (News)		Coal leasing	
Accurate detonators in trials boost production, reduce shock	Apr 48	Hanna mine suspends production (News)	Jun 17	Diligence deadline nears as Congress fails to enact new Section 3 law (WS)	Nov 9
Accurate timed delays improve vibration control and breakage	Jan 62	Low demand for its coal closes Menthore mines (News)	Sep 40	Improved leasing program will not improve markets (News)	Jun 26
Fatalities bring scrutiny of electric ignition systems (News)	Aug 25	Mine reopened (News)	Nov 31	Section 3 legislation appears far from settled (WS)	Oct 9
How to take advantage of the new OSM blasting regulations	Mar 42	MSHA closes mine (News)	Mar 31	Section 3 would bar some producers from more federal leases (WS)	Apr 9
Improved blast designs can reduce rockfall hazards (Oil)	Aug 68	Surface mine idled (News)	Sep 45	Coal-oil mix (COM)	
Letters to the editor	Oct 56	'We couldn't make it' (News)	Feb 35	Coal-oil turned off (News)	Jul 33
Spoil-side dip-line stripping works well with cast blasting	Aug 40	Coal, see also Anthracite; Coke and coking; Lignite; Production Statistics; Statistics, coal		Court supports coal-oil research role (News)	Jul 21
Trying low-wall stripping and cast blasting, too	Aug 40	Cheap oil benefits coal on the short term, not the long (ES)	Mar 37	Coal usage, (conversion to)	
Bolting, see Roof support	Oct 62	Coal Age and coal, 75 years of interaction		Cheaper oil delays plant conversion (News)	
Books		Cogenerators consider bituminous (News)	Jun 127	Chinese conversion (News)	Jan 36
Feb 86; Mar 75; May 72; Jun 167; Aug 90; Oct 77		Congress might repeal Fuel Use Act, which could hurt coal (WS)	Apr 32	FBC could ignite coal-burning revolution (News)	Oct 35
Brazil		Death knell tolls for America's met coal industry (News)	Jun 9	Feb 11	
Buys Russian and Chinese coal (News)	Nov 27	Defense Department wants to stop buying U.S. coal (News)	Apr 19	Georgia Power shelves plans for 11 coal-fired plants (News)	Jan 17
Coal to Brazil (News)	Nov 33	Despite everything, 1986 looks better than it looks (ES)	Feb 41	Israel contemplates using less coal (News)	Sep 38
Joint venture (News)	Oct 35	Devalued dollar raises hopes for improved exports (ES)	No 37	Low oil prices could cut Israeli coal use, director says (News)	May 19
Mining (News)	Mar 32	Forecast for 1986: increasing consumption and production (ES)	Jan 47	In Puerto Rico, (News)	May 35
Plans to develop 22-billion-ton reserve (News)	Jan 39	Gas-fired cogeneration has choked off coal growth (News)	Jan 15	Swiss reject coal (News)	Jan 43
Sale to Brazil (News)	Mar 32	Industrial sector brightens the coal outlook (ES)	Aug 35	Using oil and coal (News)	May 33
Strike ends (News)	Mar 32	Industry urges increased funding of clean coal research (WS)	Oct 9	Coal-water fuels	
Strike in Brazil (News)	Jul 33	Is big loser in President Reagan's 1987 budget (News)	Mar 14	Await large commercial tryout (News)	Mar 17
USSR to Brazil (News)	Jul 33	Low oil prices and high over-capacity pressure coal (ES)	Apr 43	Israeli coal mixtures (News)	Feb 37
Bureau of Mines (BOM)		Low oil prices will not tarnish coal's image (News)	Mar 13	Cogeneration	
Continues to pour out useful medley of machines and ideas	Feb 60	NCA presents slightly more optimistic mid-year forecast (News)	Aug 17	Boiler projects (News)	Sep 45
Microwave drying of fine coal	Dec	Nuclear invasion hinders coal's growth (ES)	Sep 51	Cogenerators consider bituminous (News)	
Super-polymer solidifies coal-clay waste for disposal	Oct 58	On the air (News)	Sep 45	Cogentrix turns to coal for cogeneration projects (News)	Apr 32
Cable, see Power supply		Outlook at midyear: modest improvements (ES)	Jun 39	Gas-fired cogeneration has choked off coal growth (News)	Jan 15
Canada		Pennsylvania works to aid its coal's competitiveness (News)	Mar 22	Might aid coal sales in East (News)	Feb 17
Boson coal refining process will be tested in Vancouver (News)	Jun 23	Price pressures reshape the distribution system (ES)	May 38	In question (News)	Apr 37
Call for acid rain cut will boost spending on clean coal technologies (WS)	Jan 9	Process could keep American coal in American steel (News)	Nov 28	Coke and coking	
Canadian import (News)	Nov 31	Reorganization faces challenges from environmentalists and industry (ES)	Feb 9	African coke ovens (News)	Jul 33
Clean-coal technology urged to end acid rain dispute (News)	Feb 33	Senate might give coal break on tax reform (WS)	Mar 9	British coking coal (News)	Feb 37
Coal production (News)	Aug 32	South's heat wave offers no hope to the coal industry (News)	Sep 17	Coking mine closed (News)	Sep 47
Coalition opposes increasing power imports from Canada (News)	Nov 15	Steam coal for steel (News)	Aug 32	Death knell tolls for America's met coal industry (News)	Apr 19
Exports (News)	Apr 39	Study says blending could aid Oklahoma coal industry (News)	Jan 36	National Mines Corp. takes its coal to non-met markets (News)	Apr 27
Multiple grades (News)	Oct 35	Supreme Court prepares for coal challenge to subsidence (WS)	Nov 9	Power plants burn low-volatile metallurgical coal in test (News)	Oct 29
U.S. moves against acid rain to appease Canada (News)	May 16	Utilities are in good shape to deal with acid rain rulings (ES)	Oct 39	Venezuelan met (News)	Oct 35
China		Value of coal reserves has fallen sharply in '80s (News)	Feb 15	Colombia	
Acid rain warning (News)	Aug 32	Will prevail over nuclear to 2000 (News) ..	May 11	bound for the U.S.A. (News)	May 35
Aerial success (News)	Jan 43	"Coal Age"		Cerrejón prep plant (News)	May 35
Brazil buys Russian and Chinese coal (News)	Nov 27	Plants to China (News)	Jun 37	Coal for Korea (News)	Nov 33
Cement trade (News)	Nov 33	Conversion (News)	Oct 35	Coal for steel (News)	Oct 35
Chinese bid in U.S. (News)	Jun 37	Disciplined (News)	Aug 32	Coal picture continues bright (News)	Dec
Conversion (News)	Oct 35	Engineers claim better water-resistant grouting (DW)	Apr 89	Coal to Brazil (News)	Nov 33
Disciplined (News)	Aug 32	Expanding exports (News)	Sep 47	Drummond Coal might buy into Colombian mine venture (News)	Aug 23
Engineers claim better water-resistant grouting (DW)	Apr 89	Hong Kong deal (News)	Nov 33	Export business (News)	Sep 47
Expanding exports (News)	Sep 47	Mine-mouth plants (News)	Jul 33	For the Far East (News)	Nov 33
Hong Kong deal (News)	Nov 33	Mongolian mine (News)	Sep 47	Finnish imports (News)	Nov 33
Mine-mouth plants (News)	Jul 33	Must spend \$43.5 billion to achieve its coal plans (News)	Apr 29	Has had its share of problems at El Cerrejón (News)	Apr 35
Mongolian mine (News)	Sep 47	Plans to expand mines to increase coal production (News)	Sep 34	Joint venture (News)	Oct 35
Must spend \$43.5 billion to achieve its coal plans (News)	Apr 29	Plants to China (News)	Jun 37	More markets (News)	Sep 47
Nukes shelved (News)	Apr 39	Production (News)	Jun 37	Multiple grades (News)	Oct 35
Plans to expand mines to increase coal production (News)	Sep 34	Production target (News)	Jul 33	Port (News)	Mar 32
Plants to China (News)	Jun 37	Shields sold (News)	Sep 47	Sale to Brazil (News)	Mar 32
Production (News)	Jun 37	Spending for mines (News)	Jun 37	State considers rules to hamper Colombian coal imports (News)	Mar 23
Production target (News)	Jul 33	Sulfur from coal (News)	Apr 39	Virginia Power considers burning imported Colombian coal (News)	Feb 28
Shields sold (News)	Sep 47	Talks with China (News)	Nov 33	Colorado	
Slurry in China (News)	Mar 32	Cleaning, see Preparation		Coal tax break (News)	May 33
Spending for mines (News)	Jun 37	Closing, Reopening of mines		Colorado Westmoreland plans to reopen Orchard Valley (News)	Oct 30
Sulfur from coal (News)	Apr 39	Celebrating more than 75 years in the coal industry	Jun 52	Considers cave-in insurance (News)	Jul 26
Talks with China (News)	Nov 33	Cleaning, see Preparation		Cyprus Coal buys into mining's big time ..	Oct 44
Cleaning, see Preparation		Closing, Reopening of mines		Rezoning could interfere with Rocky Mountain mine (News)	Jun 31

Spoil-side dip-line stripping works well with cast blasting	Aug 40	Stopping squeezes but doesn't break (OI)	Feb 83	Outlook 1986: over-capacity depresses prices	Feb 46
Communications		Demand	Dec	Perpendicular stripping pays in hilly northern Appalachia	Nov 48
Telephone cables woven into rope help rescuers communicate (DtW)	Jan 77	Low demand for its coal closes Mentmore mine (News)	Sep 40	Philippine price resistance (News)	Apr 39
Computer Scene	Jan 79; Mar 73; May 67; Jul 63; Sep 105; Nov 67	Department of Energy (DOE)		Pittston improves performance with new machinery (News)	Jun 13
Computerized applications		Prepares for clean coal applications (News)		Pneumatic stowage becomes affordable	Mar 52
Automatic truck dispatching . . . study in Europe finds it pays	May 48	To evaluate clean coal recommendations (WS)	Apr 28	Price pressures reshape the distribution system (ES)	May 38
Better operator compartments by computer	Feb 65		Feb 9	Rail savings (News)	Mar 31
Computer selects optimum entry centers	Jan 70	Department of Interior (DOI)		To sell more coal, help sell more electricity	
Computer software helps operators predict dust generation of machines (CS)	Mar 73	Environmentalists plan to sue Interior once again (WS)	May 9	Study predicts low mining costs in Martin Co. for 20 years (News)	Dec
Computer speeds control of maintenance (CS)	Jan 79	Wants to promote remining of surface sites (WS)	Sep 9	Surface mining costs decline in the Midwest (News)	May 10
Face boss' super assistant	Feb 62	Deposits, see Reserves		Survival Rx: higher productivity and lower costs (ES)	Jul 36
Monitoring hoist safety equipment	Jan 66	Developments to Watch		Top producers had a bad 1985 (News)	Apr 11
New technology boosts production and lowers costs (News)	Jul 24	Jan 77; Feb 85, Mar 71, Apr 89, May 69, Jun 149, Jul 65, Aug 71, Sep 112, Oct 73, Dec Dewatering		Utilities are in good shape to deal with acid rain rulings (ES)	Oct 39
OSM plans to use computers to catch 2-acre violators (News)	Jun 16	Improved flocculation method dewatering coal/clay waste material (DtW)	May 89	Utility finds it's cheaper to burn whole trees than coal (News)	Oct 22
Power of personal computers grow in surface mining	Jul 40	Super-polymer solidifies coal-clay waste for disposal	Oct 58	Value of coal reserves has fallen sharply in '80s (News)	Feb 15
Radio waves detect anomalies	Feb 75	Disasters, see also Accidents; Safety		Virginia county refuses to cut coal tax to help companies (News)	Jan 31
Scheduling and controlling projects (CS)	Jul 63	Emery swings back into action	May 42	The West: production rises, but prices die	Feb 53
Sensing the divide between coal and rock	Feb 64	Wilberg bodies recovered (News)	Jan 37		
Software you can buy for surface mining operations	Jul 43	Wilberg searched for cause of 1984 fire (News)	Oct 25		
Tool-kit approach produces handy surface-mining software	Sep 68	Drainage, see Acid mine drainage			
Trace-particle technique improves diagnostics in coal preparation (DtW)	Apr 89	Drilling, see also Deep mining; Machinery; Roof support; Surface mining			
Tracking mine inspections with ease (CS) No 67		Bolt faster, cut bit costs in hard roof	Jul 54		
Use graphics software to expand your PC's capabilities (CS)	Sep 105	Driers, see Preparation			
The world of steam coal at your finger tips (CS)	May 67	Computer software helps operators predict dust generation of machines (CS)	Mar 73		
Construction, see also planning		Mini-cyclones control float dust (OI)	Sep 101		
Cleancast construction (News)	Jul 30	Weeks cites dust and noise as major hazards in mines (News)	May 17		
South African mine construction (News)	May 35				
Continuous mining, see Deep mining					
Contracts, see Labor; Machinery; Sales					
Conventional mining, see Deep mining					
Conventions					
Coal miners meet in the Steel City	Apr 65				
International Mining Show, AMC	Sep 73				
Conveyors, see also Machinery					
Follows a snake for cornering	Feb 63				
Installing belt conveyor scales (OI)	Oct 69				
Court actions, see also Laws and Legislation; Regulations					
Court supports coal-oil research role (News)	Jul 21				
Court supports company position (News)	Jan 21				
Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court	Mar 62				
Prospecting for profit (News)	Nov 31				
Suit filed (News)	Feb 35				
Supreme Court prepares for coal challenge to subsidence (WS)	Nov 9				
Crime					
Award upheld (News)	Jan 41				
Convicted (News)	Mar 31				
Guilty (News)	Jun 35				
Ordered to work (News)	Jul 30				
Cyclones, see Preparation					
Deep mining, see also Machinery					
Center ranks underground producers' safety records (News)	Oct 15				
Chinese engineers claim better water-resistant grouting (DtW)	Apr 89				
Computer selects optimum entry centers	Jan 70				
Correction to longwall census (News)	Sep 40				
Cut longwall ignitions by lowering methane concentrations at shearers	Aug 66				
Geologic mapping can boost productivity, safety underground	Apr 54				
Keeping tabs on roof pressure changes in underground coal mines (OI)	Jun 132				
Laser images may be key to safer underground mines (DtW)	Apr 89				
Longwall census shows decline in face operations	Aug 47				
Longwall output continues to rise	Aug 58				
With low development costs, a small underground mine can pay	Sep 62				
Modern deep mining: revolutionary, evolutionary	Jun 59				
Radio waves detect anomalies	Feb 75				
Record longwalling (News)	Jul 30				
Sprayfan ventilates faces better than conventional systems (DtW)	Mar 71				
Steel arches taking hold underground (OI)	Jan 74				
Demand					
Low demand for its coal closes Mentmore mine (News)	Sep 40				
Department of Energy (DOE)					
Prepares for clean coal applications (News)					
Department of Interior (DOI)					
Environmentalists plan to sue Interior once again (WS)	May 9				
Wants to promote remining of surface sites (WS)	Sep 9				
Deposits, see Reserves					
Developments to Watch					
Jan 77; Feb 85, Mar 71, Apr 89, May 69, Jun 149, Jul 65, Aug 71, Sep 112, Oct 73, Dec Dewatering					
Improved flocculation method dewatering coal/clay waste material (DtW)	May 89				
Super-polymer solidifies coal-clay waste for disposal	Oct 58				
Disasters, see also Accidents; Safety					
Emery swings back into action	May 42				
Wilberg bodies recovered (News)	Jan 37				
Wilberg searched for cause of 1984 fire (News)	Oct 25				
Drainage, see Acid mine drainage					
Drilling, see also Deep mining; Machinery; Roof support; Surface mining					
Bolt faster, cut bit costs in hard roof	Jul 54				
Driers, see Preparation					
Computer software helps operators predict dust generation of machines (CS)	Mar 73				
Mini-cyclones control float dust (OI)	Sep 101				
Weeks cites dust and noise as major hazards in mines (News)	May 17				
Ecology, see Acid mine drainage; Environment; Reclamation					
Economic Scene					
Jan 47; Feb 41; Mar 37; Apr 43; May 38; Jun 39; Jul 36; Aug 35; Sep 51; Oct 39; Nov 37; Dec					
Economics, see also Coal; Taxes					
Amax counts on 1985 cuts to aid 1986 performance (News)	Apr 31				
Appalachia: things have to get better	Feb 48				
Australian operations unprofitable (News)	Apr 39				
Basic changes underlie recent acquisitions (News)	Nov 11				
British Coal reports better performances (News)	Jun 13				
With careful planning, a mine closes economically and efficiently	Nov 42				
Cheap oil benefits coal on the short term, not the long (ES)	Mar 37				
Cheaper process cleans smokestack gas, may reduce acid rain (DtW)	Oct 73				
Congress seeks to boost exports, bans loans for foreign projects (WS)	Nov 9				
Despite everything, 1986 looks better than it looks (ES)	Feb 41				
Devalued dollar raises hopes for improved exports (ES)	Nov 37				
Eastern coal profits up, western fortunes flounder (News)	Dec				
Engineers earn more (News)	Sep 45				
Florida finds hauling coal from East Coast economical (News)	Jul 20				
Forecast for 1986: increasing consumption and production (ES)	Jan 47				
Geologic mapping can boost productivity, safety underground	Apr 54				
Industrial sector brightens the coal outlook (ES)	Aug 35				
Land Board won't increase royalty (News)	Jul 17				
With low development costs, a small underground mine can pay	Sep 62				
Low oil prices and high over-capacity pressure coal (ES)	Apr 43				
Maintenance is cheapest way to improve fine coal dewatering	Jan 54				
Midwest: new life for spot market	Feb 51				
Mine productivity improvements will cut jobs in Appalachia (News)	Feb 19				
New nuke units represent 7.5 million tpy of coal capacity (News)	Dec				
New technology boosts production and lowers costs (News)	Jul 24				
Nuclear invasion hinders coal's growth (ES)	Sep 51				
Outlook at midyear: modest improvements (ES)	Jun 39				
Equipment News					
Jan 94; Feb 103; Mar 83; Apr 99; May 83; Jun 169; Jul 76; Aug 92; Sep 193; Oct 91; Nov 81; Dec					
Expansions, see also Acquisitions; Mergers; Planning; Sales					
China plans to expand mines to increase coal production (News)	Sep 34				
Consol to expand into new markets (News)	Oct 17				
Survey shows new mine projects remain few	Nov 54				
Texas Utilities cuts back plans (News)	Apr 23				
Exploration					
Northern Ireland exploration (News)	Feb 37				

Seismology may cut cost of finding and analyzing coal (DW)	Aug 71	Appalachia: things have to get better Feb 48	Gasification research (News)	Aug 32
Exports, Imports		Cheap oil benefits coal in short term, ... the long (ES)	Higher royalties (News)	Jun 37
Australian prospects down (News)	Jan 43	Coal will prevail over nuclear to 2000 (News)	Imports ruled out (News)	Jan 43
Brokers offer coal freight futures (News)	Apr 27	Midwest: new life for spot market Feb 51	Labor relations are at all-time low (News)	May 14
Canadian exports (News)	Apr 39	NCA foresees little production growth (News)	Large mine (News)	Jan 43
Canadian import (News)	Nov 31	May 11	MacGregor steps down as head of British Coal (News)	Sep 16
Coal terminal is a supermarket offering 100 different blends	Nov 58	Midwest: new life for spot market Feb 51	Mine closing (News)	May 35
Coal to Italy (News)	Aug 32	NCA foresees little production growth (News)	New British miners union formed in break with NUM (News)	Jan 33
Coalition opposes increasing power imports from Canada (News)	Nov 15	NO _x reductions (News)	New jobs for miners (News)	Sep 47
Colombia has had its share of problems at El Cerrejón (News)	Apr 35	Nuclear power troubles British Coal (News)	NO _x reductions (News)	Jan 43
Colombian coal for Far East (News)	Nov 33	Outlook 1986: over-capacity depresses prices	Oil from coal (News)	Jul 13
Colombian coal picture brightens (News)	Dec	Feb 46	Paid to leave (News)	May 35
Colombian exports (News)	Sep 47	Study projects growth of steam coal exports to Europe (News)	To receive imports (News)	May 35
Colombian exports for U.S. (News)	May 35	Feb 16	Scargill's woes (News)	Jun 37
Congress seeks to boost exports, bans loans for foreign projects (WS)	Nov 9	The West: production rises, but prices die	Surface mining (News)	Mar 32
Devalued dollar raises hopes for improved exports (ES)	Nov 37	Feb 9	Technique hopes to improve dewatering of fine coal (DW)	Jan 77
Expanding Chinese exports (News)	Sep 47	Wyoming coal could lose markets to foreign producers (News)	U.S. money to Britain (News)	Oct 35
Finnish imports (News)	Nov 33	Jan 27	Workshops closed (News)	Oct 35
Great Britain rules out imports (News)	Jan 43	Gasification	Greece	
Great Britain to receive imports (News)	May 35	Britain's Coal Board tests underground gasification (News)	Cement threat (News)	Oct 35
Hungary imports coal (News)	Jun 37	May 28	Lignite find (News)	Nov 33
Indonesian power without imports (News)	Apr 39	British research (News)	Haulage, see Conveyors; Pipelines; Railroad; Trucks and trucking; Water transport	
Israel studies imports (News)	Jan 43	Feb 37	Health, see also Black lung disease; Safety	
Low Polish levels (News)	May 35	New coal-burning systems are on the threshold	Group develops program to treat drug abuse in mines (News)	Oct 12
Lower Polish expectations (News)	Jun 37	Jun 105	Rocking the Congressional cradle (News)	
Mobile plans to deepen its channel to aid coal exporters (News)	Mar 25	Problems foreseen with underground coal gasification (DW)	Scientists identify health risk posed by static coal piles (News)	Aug 27
NCA blasts railroad plan for fewer export coal rate restrictions (WS)	May 9	Oct 73	Study analyzes hand, finger injuries (News)	Mar 19
Pakistan using imported coal (News)	Jun 37	Researchers say eastern coal does not gasify easily (News)	Hungary	Nov 19
Philippine imports (News)	Jul 33	Jun 27	Georgia Power shelves plans for coal-fired plants (News)	Apr 39
Philippines still depends on imports (News)	Apr 29	Rotating kiln devours high-sulfur coal for gasification process (DW)	Imports coal (News)	Jun 37
Poland exports at par (News)	Aug 32	Jan 77	1985 output (News)	Feb 37
Polish export cutback (News)	Nov 33	Underground gasification of horizontal seams (News)	Shielded (News)	Sep 47
Polish exports (News)	Jul 33	Nov 22	Short of coal (News)	Aug 32
Ports compete for the little export coal business there is (News)	May 12	Hydraulics	Novel techniques give dozers powerful capabilities	Mar 58
State considers rules to hamper Colombian coal imports (News)	Mar 23	Federal	Illinois	
Study projects growth of steam coal exports to Europe (News)	Mar 16	AMC's new chief knows Washington's inner workings (News)	A bigger burn (News)	Aug 31
Traders doubt effectiveness of New York coal export pier (News)	Feb 25	Coal is big loser in President Reagan's 1987 budget (News)	Giant BWE joins largest shovel	Sep 56
Venezuela plants move into world market	Dec	Coalpac supports candidates in four key Senate races (News)	Incentive (News)	Jun 35
Virginia Power considers burning imported Colombian coal (News)	Feb 28	Defense Department wants to stop buying U.S. coal (News)	Jury says Illinois utility must accept Wyoming coal (News)	Jun 30
Fatalities, see Accidents; Disasters		Oct 13	Old Ben fast-tracks a prep plant	Mar 49
Federal government, see Government, federal		Diligence deadline nears as Congress fails to enact new section 3 law (WS)	Spot market comes back to the Midwest (News)	Jul 11
Finance, see Economics		Nov 9	Three miners die in Illinois roof fall (News)	Aug 25
Fire, see also Disasters		OTA reports progress in the West (News)	Imports, see Exports	
Emery swings back into action	May 42	Aug 23	India	
Forces Westmoreland's Orchard Valley mine to close (News)	Jul 27	Paying Congressman to tour mine sparks controversy (News)	More mining (News)	Sep 47
Wilberg bodies recovered one year after disaster (News)	Jan 37	Jul 18	Indiana	
Wilberg searched for cause of 1984 fire (News)	Oct 25	Research corporation (News)	Companies find reclamation bonds difficult to obtain (News)	Sep 31
Florida		Jul 33	With low development costs, a small underground mine can pay	Sep 62
Alabama coal (News)	Nov 31	Section 3 legislation appears far from settled (WS)	Nipco will pay \$181 million for cancelling coal contract (News)	Oct 31
Bids (News)	Oct 33	Oct 9	Indians (American)	
Canadian import (News)	Nov 31	Section 3 would bar some producers from more federal leases (WS)	Companies protect their own turf (News)	Feb 33
Finds hauling coal from East Coast economical (News)	Jul 20	Apr 9	First in 20 years (News)	Apr 37
On hold (News)	Jul 30	State	Navajo agree to enforce regulations (News)	Mar 29
PSC questions coal-buying practices (News)	Oct 29	Buyers found (News)	Navajo seek coal land in New Mexico (News)	Apr 32
PSC to investigate coal-buying practices of utilities (News)	Apr 24	Feb 35	OSM enters conflict between Hopi and Peabody Coal (News)	Jan 21
Sales agent reports impasse with city (News)	Jun 31	Commissioner at last (News)	Shell won't mine (News)	Mar 31
Tallahassee plans FBC plant (News)	Dec	Mar 31	Tribe plans to develop its coal reserve (News)	Jun 23
Utilities shift from coal to cheaper oil (News)	Jul 18	Government action (News)	Indonesia	
Fluidized bed combustion		Apr 37	Deposit measured (News)	Feb 37
Consultant reports more interest in FBC (News)	Jan 19	May 19	Power without imports (News)	Apr 39
Could ignite coal-burning revolution (News)	Feb 11	May 15	Injuries, see Accidents	
Morgantown becoming fluidization center (DW)	Aug 71	Pennsylvania works to aid its coal's competitiveness (News)	Interior Department, see Department of Interior	
New coal-burning systems on threshold	Jun 105	Mar 22	International	
Northeastern Pennsylvania looks to FBC's, culm banks for growth (DW)	Jul 65	State agencies scrutinize UP&L's bid for reserves (News)	Action against South Africa could open coal market (WS)	Oct 9
PFB turbocharged boiler cycle proposed	Jun 109	Jan 19	World coal production increased (News)	Sep 19
Tallahassee plans FBC plant (News)	Dec	Oct 33	Interstate Commerce Commission (ICC)	
U.S. money to Britain (News)	Oct 35	Jun 27	Bagge says closing ICC won't help coal (WS)	Jan 9
Forecasts		British Coal chairman displays new management style (News)	Cargo shippers proclaim ICC ruling a victory (News)	Nov 23
Analysts foresee long-term, subtle impact from Chernobyl (News)	Jun 17	May 29	Commerce Commission head named (News)	Jan 33
		May 14	Ruling could mean lower rates for coal shippers (WS)	Sep 9

Staggers Act remains unchanged, but ICC reconsiders rate formula (WS)	Apr 9	Regulations	Scheduling and controlling projects (CS) ...Jul 63
Ireland		Acid rain bill in check, for now (WS) Sep 9	UMW consolidates its hold Jun 117
Exploration (News)	Feb 37	Acid rain legislation threatens clean coal technology (WS) Jul 9	U.S. loss control management cuts production losses Feb 72
Lignite (News)	Aug 32	Coal advisory group to address Surface Mining law (WS) Jul 9	Manufacturers
Israel		Congress might repeal Fuel Use Act (WS) Jun 9	Jan 102; Feb 110; Mar 94; May 90; Jun 184; Jul 82; Aug 98; Sep 206; Oct 97; Dec
Agreement ends (News)	Jan 43	Controversial tax plan (WS) Jan 9	Marketing , see also Demand; Exports; Sales
Agreement ends (News)	Apr 39	Diligence deadline nears as Congress fails to enact Section 3 law (WS) Nov 9	Consol acquires reserves to expand into new markets (News) Oct 17
Coal for phosphates (News)	Jun 37	Dingell call for changes in Rail Act (WS) Aug 9	Consultant reports more interest in FBC (News) Jan 19
Coal for technology (News)	Mar 32	Final tax reform legislation (WS) Aug 9	Free market in Israel (News) Jul 33
Coal from East Europe (News)	Nov 33	Laws increase constraints Jun 9	Improved leasing program will not improve markets (News) Jun 26
Coal mixtures (News)	Feb 37	Operators argue that subsidence law is too restrictive (News) May 18	International action against South Africa could open coal market (WS) Oct 9
Coal-oil turned off (News)	Jul 33	Railroads say their tracks are not public highways (News) Oct 31	Midwest: new life for spot market Feb 51
Coal over nukes (News)	Jun 37	Section 3 legislation appears far from settled (WS) Oct 9	More Colombian markets (News) Sep 47
Contemplates using less coal (News)	Sep 38	Section 3 would bar some producers from more federal leases (WS) Apr 9	National Mines takes coal to non-met markets (News) Apr 27
Free market (News)	Jul 33	Subcommittee advocates laws to clarify Staggers Act (WS) Jul 9	Neoc positions itself as energy services company (News) Jan 17
Imports studied (News)	Jan 43	Tax bill kills ITC, retains depletion for coal (News) Sep 11	Price pressures reshape the distribution system (ES) May 38
Low oil prices could cut Israeli coal use (News)	May 19	Tax reform debate intensifies as Senate presents changes (WS) Apr 9	Spot market comes back to Midwest (News) Jul 11
More oil (News)	Jul 33	Trade bills become priority issue for labor (WS) Aug 9	Venezuela to move into world markets (News) Dec
Pier recommended (News)	Feb 37	Utilities are in good shape to deal with acid rain rulings (ES) Oct 39	Wisconsin becomes major market for low-sulfur coal (News) May 22
Poland to Israel (News)	Apr 39	Western Energy fights surface mining law (News) Nov 17	World of steam coal at your finger tips (CS) May 67
Port expansion (News)	Jun 37	Legal , see Court actions	Wyoming coal could lose markets to foreign producers (News) Jan 27
Prices cut (News)	Sep 47	Lignite	Maryland
Talks with China (News)	Nov 33	Greek find (News) Nov 33	Deeper ports might attract more coal to Mobile, Baltimore (News) Sep 18
Venezuelan coal (News)	Apr 39	Irish lignite (News) Aug 32	Mergers , see Acquisitions; "Company Index"; Expansions; Sales
Italy		Texas Utilities cuts back plans to expand lignite mining (News) Apr 23	Metallurgical coal , see Coke and coking
Burning oil is more destructive than burning coal (DWW)	Jun 149	Liquefaction	Methane
Coal to Italy (News)	Aug 32	Soviet liquefaction (News) Jan 43	Cut longwall ignitions by lowering methane concentrations at shearers Aug 66
Met contract (News)	May 33	Locomotives , see Railroads	Measuring methane quickly Feb 62
Japan		Longwall, see Deep mining; Machinery; Mining methods	Mine rescue techniques
Gasification research (News)	Aug 32	Machinery, see also Equipment News and individual items	Telephone cables woven into rope help rescuers communicate (DWW) Jan 77
Research cooperation (News)	Jul 33	Accurate detonators in trials boost production, reduce shock Apr 48	Training speeds donning of self-rescuers in low coal (DWW) Aug 71
Rockefeller blast (News)	Mar 31	Better deep-soil loosening equipment pinpointed (DWW) Jul 65	Mine Safety and Health Administration (MSHA)
Steam coal for steel (News)	Aug 32	Bureau continues to pour out medley of machines and ideas Feb 60	Closes mine (News) Mar 31
Kentucky		With dozers, bigger is better Jul 56	Administrator stresses coal operator's safety role (News) Nov 27
Follows trend of fewer but larger coal mines (News)	Jui 21	Fairchild seeks new financing for its umbrella miner (News) Nov 17	Operator fined (News) Aug 31
Mining prep plant refuse line for coal Apr 80		Giant BWE joins largest shovel Sep 56	UMW focus on safety problems at small mines (News) Jul 14
U. of K. wins grant for X-ray program (News)	Jan 23	Giving brains to machines Feb 61	Mining bits , see Drilling
Kohle-Reduktion process could keep American coal in American steel (News)	Nov 28	High-pressure jets improve shearer operation Feb 67	Mining methods , see Deep mining; Surface Mining
Korea , see South Korea		Improved backup alarms planned for mobile mining equipment (DWW) Sep 112	Montana
Labor , see also Management; United Mine Workers		Installing belt conveyor scales (OI) Sep 69	Companies protect their own turf (News) Feb 33
Abolish NLRB (News)	May 33	Modern deep mining: revolutionary, evolutionary Jun 59	Keeps its coal tax at 30% (News) Sep 15
Back to work (News)	Apr 37	Monitoring hoist safety equipment Jan 66	Tax cut gets contract (News) Oct 33
Breckley coal layoff (News)	Oct 33	New management gives TSM new lease on life (News) Feb 17	Tribe plans to develop coal reserve (News) Jun 23
British labor relations at all-time low (News)	May 14	Oil for coal machines (News) Oct 35	National Coal Association (NCA)
British workshops closed (News)	Oct 35	Pittston improves performance with new machinery (News) Jun 13	Blasts railroad plea for fewer export coal rate restrictions (WS) May 9
CEP works to help women miners (News)	Aug 13	Planter speeds direct seeding of trees (OI) Mar 69	Coalpac supports candidates in four key Senate races (News) Oct 13
Crackdown (News)	Apr 37	Previewing the International Mining Show Sep 73	Don't split on acid rain, Byrd warns (News) Sep 26
85 recalled (News)	Feb 35	Selecting the right-sized dozer (OI) Apr 85	Foresees little coal production growth for this year (News) Jan 13
Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62		Six advanced machines hoping to go to work Feb 68	Predicts U.S. will mine 1.2 billion tons of coal in 2000 (News) Apr 24
Group develops program to treat drug abuse in mines (News)	Oct 12	UMW disputes safety of timbering in Wilcox miner sections (News) Jul 25	Presents slightly more optimistic mid-year forecast (News) Aug 17
Increased productivity (News)	Aug 31	Wilcox miners no longer exempt in West Virginia (News) Sep 23	National Coal Council
Island Creek layoffs (News)	Aug 31	Power of personal computers grows in surface mining Jul 40	Coal advisory group to address Surface Mining law (WS) Jul 9
It takes fewer men to make cleaner coal Jun 85		Management	Will lobby for 'coal by wire' (News) Jun 11
Kaiser rehires some, lays off others (News)	Jul 20	British Coal chairman displays new management style (News) Nov 29	Natural gas
Laws increase constraints	Jun 125	Dorchester mines might open under new management (News) Apr 31	Gas-fired cogeneration has choked off coal growth (News) Jan 15
Layoffs (News)	Jan 41	Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62	Nevada
Layoffs (News)	Mar 31	New management gives TSM new lease on life (News) Feb 17	Black Butte will supply Nevada plants (News) Sep 13
Layoffs (News)	May 33	Power of personal computers grows in surface mining Jul 40	New Mexico
Less thunder (News)	Mar 31	New	Land swap delayed until this summer (News) Mar 27
Local victory (News)	Nov 31	Is cheapest way to improve fine coal dewatering	Navajo seek coal land in New Mexico (News) Apr 32
Mine productivity improvements will cut jobs in Appalachia (News)	Feb 19	Management	Sunbelt environmental conflict ends with land swap (News) Mar 18
More layoffs (News)	Nov 31	Computer speeds control of maintenance (CS) Jan 79	
Must rehire (News)	Jul 30	British Coal chairman displays new management style (News) Nov 29	
New British miners union formed in break with NUM (News)	Jan 33	Dorchester mines might open under new management (News) Apr 31	
New jobs for miners (News)	Sep 47	Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62	
Paid to leave (News)	May 35	New management gives TSM new lease on life (News) Feb 17	
Rocking the Congressional cradle (News)	Aug 27	Power of personal computers grows in surface mining Jul 40	
Rosebud layoff (News)	Jun 35	Management	
Scargill's woes (News)	Jun 37	Computer speeds control of maintenance (CS) Jan 79	
Trade bills become priority issue for labor (WS)	Aug 9	British Coal chairman displays new management style (News) Nov 29	
UMW consolidates its hold	Jun 117	Dorchester mines might open under new management (News) Apr 31	
U.S. Steel cutbacks (News)	Sep 45	Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62	
U.S. Steel layoffs (News)	Aug 31	New management gives TSM new lease on life (News) Feb 17	
Utah miners recalled (News)	Oct 33	Power of personal computers grows in surface mining Jul 40	
Utah Power halts mining (News)	Jul 20	Manufacturers	
Women miners dig away at discrimination (News)	Aug 11	British Coal chairman displays new management style (News) Nov 29	
Workforce cut (News)	Feb 35	Dorchester mines might open under new management (News) Apr 31	
Workforce halved (News)	Sep 45	Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62	
Laws and legislation , see also Court actions ;		New management gives TSM new lease on life (News) Feb 17	

New York	
traders doubt effectiveness of New York coal export pier (News)	Feb 25
Nigeria	
Oil for coal machines (News)	Oct 35
North Carolina	
Hope for coal mining revival (News)	Dec
New power plant (News)	Aug 31
Panel wants coal-fired plants for N.C. (News)	Jul 13
Nuclear power	
Analysts foresee long-term, subtle impact from Chernobyl (News)	Jun 17
Coal over nukes (News)	Jun 37
Coal power could cost less than nuclear until the 1990s (News)	Jan 13
Coal will prevail over nuclear to 2000 (News)	May 11
New nuke units represent 7.5 million tpy of coal capacity (News)	Dec
Nuclear invasion hinders coal's growth (ES)	Sep 51
Nukes shelved (News)	Apr 39
Troubles British Coal (News)	Jul 13
TVA buys more coal following its nuclear troubles (News)	Aug 17
Office of Surface Mining (OSM)	
Best compliance (News)	Feb 35
Charge: OSM doesn't do its job (News)	Aug 19
Christensen confirmed as OSM head following lengthy delay (WS)	Jun 9
Enter's conflict between Hopi and Peabody Coal Co. (News)	Jan 21
Gives okay to mining Red Rim (News)	Jan 33
How to take advantage of the new OSM blasting regulations	Mar 42
Plans to use computers to catch 2-acre violators (News)	Jun 16
Reorganization faces challenge (WS)	Feb 9
Tightens restrictions on mining near historic sites (News)	May 30
Ohio	
More coal (News)	Sep 45
School's out (News)	May 33
Oil and oil shale	
Ashland might sell its coal properties to fight takeovers (News)	May 31
Burning oil is more destructive than burning coal (Dtw)	Jun 149
Cheap oil benefits coal on the short term, not the long (ES)	Mar 37
Cheaper oil delays plant conversion (News)	Jan 36
Florida utilities shift from coal to cheaper oil (News)	Jul 18
From coal (News)	May 35
Low oil prices and high over-capacity pressure coal (ES)	Apr 43
Low oil prices could cut Israeli coal use (News)	May 19
Low oil prices will not tarnish coal's image (News)	Mar 13
More oil in Israel (News)	Jul 33
New coal slurry mixture might flow through oil pipelines (News)	Sep 30
Oil for coal machines (News)	Oct 35
Scottish hesitation (News)	Oct 35
Using oil and coal (News)	May 33
Oklahoma	
Coal buys (News)	Feb 35
Oklahoma's gain, Wyoming's loss (News)	Jun 33
Primary regained (News)	Jan 41
Study says bending could aid Oklahoma coal industry (News)	Jan 36
Open pit mines, see Surface mining	
Operations, see "Company Index"; Deep mining; Surface mining	
Oregon	
Portland puts its uncompleted coal terminal on the block (News)	May 25
OSM, see Office of Surface Mining	
Pakistan	
Reserves (News)	Oct 35
Using imported coal (News)	Jun 37
Pennsylvania	
Bituminous instead (News)	Jan 41
Coal companies dry out from November floods (News)	Jan 37
Coal miners meet in the Steel City	Apr 65
Five die in accidents at anthracite mines (News)	Jan 19
Low-vol steam (News)	Jun 35
Northeastern Pennsylvania looks to FBC's, culm banks for growth (Dtw)	Jul 65
Other Pennsylvania operators cry; R&P thrives (News)	May 13
Perpendicular stripping pays in northern Appalachia	Nov 48
Works to aid its coal's competitiveness (News)	Mar 22
People	
Jan 85; Feb 91; Mar 80; Apr 110; May 71; Jun 181; Jul 59; Aug 72; Sep 114; Oct 75; Nov 79; Dec	
Peru	
Anthracite contract (News)	Aug 32
Philippines	
Imports (News)	Jul 33
Price resistance (News)	Apr 39
Still depends on imports (News)	Apr 29
Pipelines, see also Haulage	
Coal slurry moves in South Korea (News)	Jun 30
New coal slurry mixture might flow through oil pipelines (News)	Sep 30
Slurry in China (News)	Mar 32
Soviets choose coal slurry over mine-mouth plants (News)	May 24
Planning, see also Construction	
Amox coal plans to reopen Price River as Castle Gate (News)	Jun 33
Brazil plans to develop 22-billion-ton reserve (News)	Jan 39
With careful planning, a mine closes economically and efficiently	Nov 42
China must spend \$43.5 billion to achieve its coal plans (News)	Apr 29
China plans to expand mines to increase coal production (News)	Sep 34
Colorado Westmoreland plans to reopen Orchard Valley (News)	Oct 30
Diamond Shamrock plans Alaskan coal mine project (News)	Jan 39
Georgia Power shelves plans for 11 coal-fired plants (News)	Jan 17
Mobile plans to deepen its channel to aid coal exporters (News)	Mar 25
Power of personal computers grow in surface mining	Jul 40
Texaco Utilities cuts back plans to expand lignite mining (News)	Apr 23
Pneumatics	
Pneumatic mine seals	Mar 52
Pneumatic stowage becomes affordable	Mar 52
Stowing waste underground	Mar 55
Poland	
Coal from East Europe (News)	Nov 33
Coal to Auschwitz (News)	Feb 37
Export cutback (News)	Nov 33
Export (News)	Jul 33
Exports at par (News)	Aug 32
To Israel (News)	Apr 39
Low export levels (News)	May 35
Lower expectations (News)	Jun 37
Oil for coal machines (News)	Oct 35
Production up (News)	Feb 37
Trade pact (News)	Jan 43
Pollution, see Acid mine drainage; Environment	
Power plants, see Utilities	
Preparation, see also Machinery	
Advanced coal cleaning processes sought for superclean coal	Jun 95
Boston coal refining process will be tested in Vancouver (News)	Jun 23
British technique hopes to improve dewatering of fine coal (Dtw)	Jan 77
Cell creates microbubbles to latch on to finer coal	Aug 62
Cerrojón prep plant (News)	May 35
Coal drying power (News)	May 33
Clean coal (News)	Jul 30
Density tracers give option to float-sink tests	May 60
Improved flocculation method deters coal/clay waste material (Dtw)	May 69
Improved silo design solves coal discharge problems	Jan 57
It takes fewer men to make cleaner coal	Jun 85
Maintenance is cheapest way to improve fine coal dewatering	Jan 54
Microwaves dry fine coal	Dec
Mini-cyclones control frost dust (O)	Sep 101
Mining prep plant refuse line for coal	Apr 80
Mobil aims to enhance western coals with new drying process	Feb 80
Old Ben fast-tracks a prep plant	Mar 49
Shattering coal (News)	Feb 35
Speedy method pinpoints best densities for separating coal	May 55
Stemming the magnetite flood	Jul 50
Super-polymer solidifies coal-clay waste for disposal	Oct 58
Survey shows new mine projects remain few in number	Nov 54
Three new approaches to problem of dewatering fine coal	Jan 52
Trace-particle technique improves diagnostics in coal preparation (Dtw)	Apr 89
Prices, see Economics	
Production	
Accurate detonators in trials boost production, reduce shock	Apr 48
Canadian coal (News)	Aug 32
China plans to expand mines to increase coal production (News)	Sep 34
China target (News)	Jul 33
Chinese production (News)	Jun 37
EIA finds production off only slightly from 1984's record (News)	Mar 18
Forecast for 1986: increasing consumption and production (ES)	Jan 47
Higher capacity (News)	Apr 39
Hungary short of coal (News)	Feb 32
Hungary's 1985 output (News)	Feb 37
Longwall output continues to rise	Aug 58
Low Mexican production (News)	Apr 39
Low oil prices and high over-capacity pressure coal (ES)	Apr 43
More Indian mining (News)	Sep 47
NCA foresees little coal production growth for this year (News)	Jan 13
NCA predicts U.S. will mine 1.2 billion tons of coal in 2000 (News)	Apr 24
NCA hails a coal revolution one year after the strike (News)	May 14
New technology boosts production and lowers costs (News)	Jul 24
Outlook 1986: over-capacity depresses prices	Feb 46
Polish production up (News)	Feb 37
Suspended (News)	May 33
Top producers had a bad 1985 (News)	Apr 11
U.S. loss control management cuts production losses	Feb 72
The West: production rises, but prices die	Feb 53
World coal production increased by 4.2%, to 3.1 billion mt (News)	Sep 19
Production Statistics	
Jan 49; Feb 43; Mar 39; Apr 45; May 39; Jun 41; Jul 37; Aug 37; Sep 53; Oct 41; Nov 39; Dec	
Productivity, see Economics; Labor	
Puerto Rico	
Coal conversion (News)	May 35
Railroads, see also Haulage	
Bagge says closing ICC won't help coal (WS)	Jan 9
Barging program yields lower rail rates for Virginia Power (News)	Nov 13
C&NW scraps plans to extend Powder River rail link (News)	May 29
Coal shippers proclaim ICC ruling a victory (News)	Nov 23
Conrail sale passes one hurdle, moves on to next (WS)	Mar 9
CSX writes off some coal holdings (News)	Jan 15
Dingell call for changes in Staggers Rail Act (WS)	Aug 9
House Energy Committee approves public sale of Conrail (News)	Oct 22
House leader stalls Conrail sale—maybe permanently (WS)	Jun 9
ICC ruling could mean lower rates for coal shippers (WS)	Sep 9
Land swap delayed until this summer (News)	Mar 27
NCA blasts railroad plea for fewer export coal rate restrictions (WS)	May 9
New law suggests treating rail lines as highways (News)	May 15
NS remains unlikely to pursue Conrail (News)	Jan 31
Rail savings (News)	Mar 31
Say their tracks are not public highways (News)	Oct 31
Santa Fe asks ICC to reconsider merger (News)	Dec
Staggers Act remains unchanged, but ICC reconsiders rate formula (WS)	Apr 9
Stopped cold (News)	Jan 41
Study says railroads charge high rates for western coal (News)	May 15
Subcommittee advocates laws to clarify Staggers Act (WS)	Jul 9
Subcommittee looks into modifying Staggers Act without ICC (WS)	Feb 9
Two railroads fight repayment in coal overcharge case (News)	Jun 32
Utilities balk at rate increase (News)	Feb 33
Virginia producers fight rate hike (News)	Mar 29
VP tries to avoid rail rates (News)	Jan 23
Reclamation, see also Environment	
Awards (News)	Sep 45

Better deep-soil loosening equipment pinpointed by researchers (DtW).....	Jul 65	Pakistan reserves (News).....	Oct 35
Big Horn wants to change (News).....	Nov 23	Rockefeller wants to trade for Powder River coal reserves (News).....	Jul 26
Christensen confirmed as OSM head (WS) Jun 9		State agencies scrutinize UP&L's bid for coal reserves (News).....	Jan 19
Companies find reclamation bonds difficult to obtain (News).....	Sep 31	Value of coal reserves has fallen sharply in '80s (News).....	Feb 15
Eastern wins suit (News).....	May 33	Romania	
Layoffs (News).....	Jan 41	Island Creek fears it might lose coal sales to Romania (News).....	Aug 19
Locating open shafts (News).....	Feb 35	Roof support	
OTA reports progress in the West (News) Aug 23		Austrian mobile roof support successful in South African mine trials (DtW).....	Jun 14
Planter speeds direct seeding of trees (O).....		Bolt faster, cut bit costs in hard roof.....	Jul 54
Primacy regained (News).....	Mar 69	Electronic ear helps miners detect weak roof (DtW).....	May 69
Prominent companies have abused the 2-acre exemption (News).....	Jan 41	Full bolting required (News).....	Oct 33
Tennessee needs money to clean up abandoned mines (News).....	Aug 15	Keeping tabs on roof pressure changes in underground coal mines (O).....	Jun 132
Refuse disposal		Mobile roof supports make pillar extraction easier (O).....	May 65
Anthracite refuse passes tests as fuel for heating (DtW).....	Mar 71	Predicting when cutter roof failure may occur (DtW).....	Feb 85
Improved flocculation method dewaterers coal/clay waste material (DtW).....	May 69	Steel arches taking hold underground (O).....	Jan 74
Mining prep plant refuse line for coal.....	Apr 80	Three miners die in Illinois roof fall (News) Aug 25	
Pneumatic stowage becomes affordable.....	Mar 52	UMW disputes safety of timbering in Wilcox miner sections (News).....	Jul 25
Stowing waste underground.....	Mar 55	Russia, see USSR	
Super-polymer solidifies coal/clay waste for disposal.....	Oct 58	Safety, see also Accidents; Disasters; Health; Mine rescue techniques	
Regulations, see also Court actions; Laws and legislation		Center ranks underground producers' safety records (News).....	Oct 15
Companies barred from mining deserve compensation (News).....	Mar 27	Coal mine fatality rate dropped in first nine months, 1985 (News).....	Jan 23
Deregulator is named Commerce Commission head (News).....	Jan 33	Court supports company position (News).....	Jan 21
How to take advantage of the new OSM blasting regulations.....	Mar 42	Electronic ear helps miners detect weak roof (DtW).....	May 69
Laws increase restraints.....	Jun 125	Fatalities, injuries up in first quarter (News) Jul 15	
Navajo agree to enforce regulations at mines on its reservation (News).....	Mar 29	Finer mines (News).....	Aug 31
OSM plans to use computers to catch 2-acre violators (News).....	Jun 16	Geologic mapping can boost productivity, safety underground.....	Apr 54
Rail deregulation debate continues (WS).... Mar 9		Improved backup alarms planned for mobile mining equipment (DtW).....	Sep 112
Research		Improved blast designs can reduce rockfall hazards (O).....	Aug 68
Advanced coal cleaning processes sought for superclean coal.....	Jun 95	Laser images may be key to safer underground mines (DtW).....	Apr 89
Better deep-soil loosening equipment pinpointed by researchers (DtW).....	Jul 65	Laws increase constraints.....	Jun 125
Boston coal refining process will be tested in Vancouver (News).....	Jun 23	Letters to the editor.....	Oct 56
Bureau continues to pour out useful medley of machines and ideas.....	Feb 60	Mobile roof supports make pillar extraction easier (O).....	May 65
Call for acid rain cut will boost spending on clean coal technologies (WS).....	Jan 9	Monitoring hoist safety equipment.....	Jan 66
Clean-coal technology urged to end acid rain dispute (News).....	Feb 33	MSHA administrator stresses coal operator's safety role (News).....	Nov 27
Court supports coal-oil research role (News).....	Jul 21	MSHA and UMW focus on safety problems at small mines (News).....	Jul 14
Density tracers give option to float-sink tests		Safe mines (News).....	Jul 30
May 60		Safer coal piles (News).....	Mar 32
DOE prepares for onslaught of clean coal applications (News).....	Apr 28	67 died in coal mine accidents in 1985 (News).....	Feb 15
DOE prepares to evaluate clean coal technology recommendations (WS).....	Feb 9	UMW disputes safety of timbering in Wilcox miner sections (News).....	Jul 25
Eastern coal outlook depends on clean coal funding (News).....	Jan 15	Underground mine monitoring systems.....	Dec
EPRI designs next generation of coal-fired power plants (News).....	Mar 22	U.S. loss control management cuts production losses.....	Feb 72
Gasification research (News).....	Aug 32	Weeks cites dust and noise as major hazards in mines (News).....	May 17
Industry urges increased funding of clean coal research (WS).....	Oct 9	Sales, see also Acquisitions; Expansions; Exports; Marketing	
Low-vol steam (News).....	Jun 35	Arch Mineral may buy Diamond Shamrock Coal for \$135 million (News).....	Sep 21
New coal-burning systems are on the threshold		Ashland might sell its coal business (News).....	Oct 12
Jun 105		To Brazil (News).....	Mar 32
Power plants burn low-volatile metallurgical coal in test (News).....	Oct 29	Brazil buys Russian and Chinese coal (News).....	Nov 27
Predicting when cutter roof failure may occur (DtW).....	Feb 85	China trade (News).....	Nov 33
Problems foreseen with underground bituminous coal gasification (DtW).....	Oct 73	Chinese deal (News).....	Nov 33
Process approved (News).....	Jan 41	Cogeneration plants might aid coal sales in East (News).....	Feb 17
Research cooperation (News).....	Jul 33	Conrail sale passes one hurdle, moves on to next (WS).....	Mar 9
Researchers say eastern coal does not gasify easily (News).....	Jun 27	Consolidation buys Sierra Coal (News).... Aug 23	
Shattering coal (News).....	Feb 35	Eastern coal business is for sale (News).... Apr 35	
Sorting shale from coal . . . a new line of research proves promising (DtW).....	Sep 112	Electric Fuels buys coal company (News).... Apr 37	
Three new approaches to problems of dewatering fine coal.....	Jan 52	Executive plans to purchase Reading & Bates coal unit (News).....	Apr 32
Reserves		Gulf Power found imprudent in coal-buying activities (News).....	May 23
Aerial success (News).....	Jan 43	House leader stalls Conrail sale (WS).....	Jun 9
Brazil mining (News).....	Mar 32	Imperial sale (News).....	Mar 31
Brazil plans to develop 22-billion-ton reserve (News).....	Jan 39	Island Creek fears it might lose coal sales to Romania (News).....	Aug 19
Coal reserves bought (News).....	Aug 31	Nerco renegotiates contract terms with four customers (News).....	Jul 13
Consol acquires reserves to expand into new markets (News).....	Oct 17	Nerco sells Alabama coal operations (News).....	Feb 19
Deposit measured (News).....	Feb 37	Oklahoma coal buys (News).....	Feb 35
Hungarian deposits discovered (News).....	Apr 39		
North American reserves sold (News).....	Jun 35		

SFC's demise also paves way for clean coal technologies (WS).....	Jan 9	
Taxes, see also Economics		
Coal companies will pay into Superfund for first time (News).....	Nov 19	
Coal tax break (News).....	May 33	
Controversial tax reform plan passes House (WS).....	Jan 9	
CSX writes off some coal holdings (News) Jan 15		
Detroit Edison takes Decker to court (News).....	May 29	
Final tax reform legislation appears on its way (WS).....	Aug 9	
Massey can pay less (News).....	Jan 41	
Montana keeps coal tax at 30% (News).... Sep 15		
New tax plan probably will fail to eliminate excise tax deductions (WS).....	May 9	
Senate might give coal break on tax reform (WS).....	Mar 9	
Tax bill kills ITC, retains depletion for coal (News).....	Sep 11	
Tax cut gets contract (News).....	Oct 33	
Tax drops (News).....	Sep 45	
Tax reform debate intensifies (WS).....	Apr 9	
Virginia county refuses to cut coal tax (News).....	Jan 31	
Tennessee		
Needs money to clean up abandoned mines (News).....	Mar 26	
Scrambles to reestablish primacy (News).... Dec		
Buys more coal following its nuclear troubles (News).....	Aug 17	
Paid less for coal than did 11 other utilities in 1985 (News).....	Jan 21	
Stemming the magnetite flood.....	Jul 50	
Texas		
Coal buyers might buy into mine to settle dispute (News).....	Oct 28	
Texas Utilities buys a town to resolve complaints (News).....	May 28	
Two railroads fight repayment in coal overcharge case (News)	Jun 32	
Training		
Emery doesn't have to reimburse miners for training (News).....	Mar 29	
School's out (News).....	May 33	
Speeds donning of self-rescuers in low coal (DW).....	Aug 71	
Women miners dig away at discrimination (News).....	Aug 11	
Transportation, see Haulage		
Trucks and trucking, see also Haulage		
Automatic truck dispatching . . . study in Europe finds it pays	May 48	
TVA, see Tennessee Valley Authority		
UMW, see United Mine Workers		
Unions, see Labor; United Mine Workers		
United Kingdom, see Great Britain		
United Mine Workers (UMW)		
Abolish NLRB (News).....	May 33	
Back to work (News).....	Apr 37	
Coal Aid fails (News).....	Oct 33	
Company bars union representative on inspection (News).....	Jun 23	
Company must accept UMW union with mine it acquired (News).....	Feb 19	
Consol Award (News).....	Nov 31	
Consolidates its hold	Jun 17	
Contract ratified (News).....	Mar 31	
Crackdown (News).....	Apr 37	
Disputes safety of timbering in Wilcox miner sections (News)	Jul 25	
Girds for battle (News).....	Dec	
Grievance (News).....	Jun 35	
Higher dues, better investments improve UMW finances (News).....	Jun 15	
Internal union dispute centers on pension fund payments (News).....	Jun 19	
Massey strike ends (News).....	Jan 11	
MSHA and UMW focus on safety problems at small mines (News).....	Jul 14	
Pact (News).....	Nov 31	
Paramount signs contract, faces unionization move (News).....	Oct 30	
Ruling favors union in Massey dispute (News).....	Apr 33	
Strike is over, but conflict lingers for Massey and UMW (News).....	Mar 15	
Two-year-old contract dispute between UMW, Massey continues (News).....	Oct 24	
Union adopts an aggressive stance (News).....	Oct 11	
Urge boycott of Shell products (News) ... Mar 25		
Weeks cites dust and noise as major hazards in mines (News).....	May 17	
U.S. Bureau of Mines, see Bureau of Mines		
USSR		
Analysts foresee long-term, subtle impact from Chernobyl (News).....	Jun 17	
To Brazil (News).....	Jul 33	
Brazil buys Russian and Chinese coal (News).....	Nov 27	
New Soviet mine (News).....	Feb 37	
Soviet liquefaction (News).....	Jan 43	
Soviets choose coal slurry over mine-mount plants (News).....	May 24	
Soviets visit Spain (News).....	May 35	
Utah		
Emery swings back into action	May 42	
Miners recalled (News).....	Oct 33	
Recovering costs (News).....	Oct 33	
UP&L assumes direct control of Emery mine operations (News).....	Jun 16	
UP&L halts its coal mining operations (News).....	Jul 20	
Using oil and coal (News)	May 33	
VP considers burning imported Colombian coal (News).....	Feb 28	
VP tries to avoid rail rates by barge (News).....	Jan 23	
VP will sell Laurel Run to Island Creek (News).....	Aug 19	
Won't renew contract (News).....	Feb 5	
Utilization, see Coal usage		
Venezuela		
Coal for steel (News)	Oct 35	
Coal to Israel (News)	Apr 39	
Met (News).....	Oct 35	
To move into world market (News)	Dec	
Ventilation		
Cut longwall ignitions by lowering methane concentrations at shearers.....	Aug 66	
Oasis of cool, cool air	Feb 67	
Sprayfan ventilates face better than conventional systems (DW).....	Mar 71	
Virginia		
Barging program yields lower rail rates for Virginia Power (News).....	Nov 13	
Black Butte will supply Nevada plants (News).....	Sep 13	
Building by year-end (News).....	Mar 31	
Cheaper oil delays plant conversion (News).....	Jan 36	
Chinese mine-mouth plants (News)	Jul 33	
Coal Council will lobby for 'coal by wire' (News).....	Jun 11	
Coal power could cost less than nuclear until the 1990s (News).....	Jan 13	
Coalition opposes increasing power imports from Canada (News)	Nov 15	
Complaint against Nerco seeks lower coal prices (News).....	Sep 41	
Congress might repeal Fuel Use Act, which could hurt coal (WS)	Jun 9	
Demonstrators protest the use of South African coal in U.S. (News).....	Aug 27	
Detroit Edison takes Decker to court (News).....	May 29	
EPR designs next generation of coal-fired power plants (News).....	Mar 22	
Finds it's cheaper to burn whole trees than coal (News).....	Oct 22	
Florida bids (News)	Oct 33	
Florida PSC to investigate coal-buying practices of utilities (News).....	Apr 24	
Florida utilities shift from coal to cheaper oil (News).....	Jul 18	
Gas-fired cogeneration has choked off coal growth (News).....	Jan 15	
Georgia Power shelves plans for 11 coal-fired plants (News).....	Jan 17	
Gulf Power found imprudent in coal-buying activities (News)	May 23	
in question (News).....	Apr 37	
Jury says Illinois utility must accept Wyoming coal (News).....	Jun 30	
Land Board won't increase royalty (News)	Jul 17	
Low-vol steam (News).....	Jun 35	
More coal (News)	Sep 45	
New tall stacks (News)	Jun 35	
New coal-burning systems are on the threshold	Jun 105	
New power plant (News)	Aug 31	
NipSCO will pay \$181 million for cancelling coal contract (News)	Oct 31	
On hold (News)	Jul 30	
Panel wants coal-fired plants for N.C. (News)	Jul 13	
PFB turbocharged boiler cycle proposed Jun 109		
Plants to China (News)	Jun 37	
Pollution control (News).....	Aug 31	
Power plants burn low-volatile met coal in test (News)	Oct 29	
PP&L government action (News).....	Apr 37	
PP&L sued (News)	Apr 37	
Recovering costs (News)	Oct 33	
South's heat wave offers no warmth to the coal industry (News)	Sep 17	
State agencies scrutinize UP&L's bid for coal reserves (News)	Jan 19	
Swiss reject coal (News)	Jan 43	
Tallahassee plans to go ahead with FBC plant (News)	Dec	
Texas Utilities buys town to resolve complaints (News)	May 28	
Texas Utilities cuts back plans to expand lignite mining (News)	Apr 23	
TVA pain less for coal than other utilities in 1985 (News)	Jan 21	
UP&L assumes direct control of Emery mine operations (News)	Jun 16	
UP&L halts coal mining operations (News)	Jul 20	
Using oil and coal (News)	May 33	
VP considers burning imported Colombian coal (News)	Feb 28	
VP tries to avoid rail rates by barge (News)	Jan 23	
VP will sell Laurel Run to Island Creek (News)	Aug 19	
Washington Scene	all 9	
Water transport, see also Haulage		
Barging program yields lower rail rates for Virginia Power (News)	Nov 13	
Brokers offer coal freight futures (News)	Apr 27	
Chunk of dry ice prevents shipped coal from overheating (DW)	Feb 85	
Coal terminal is a supermarket offering 100 different blends	Nov 58	
Colombian port (News)	Mar 32	
Deeper ports might attract more coal to Mobile, Baltimore (News)	Sep 18	
Drummond will haul via New Orleans (News)	Jul 27	
Florida finds hauling coal from East Coast economical (News)	Jul 20	
Mobile plans to deepen its channel to aid coal exporters (News)	Mar 25	
Pier recommended (News)	Feb 37	
Port expansion (News)	Jun 37	
Portland puts uncompleted coal terminal on the block (News)	May 25	
Ports compete for the little export coal business there is (News)	May 12	
VP tries to avoid rail rates by barge (News)	Jan 23	
West Virginia		
Acid job loss (News)	Jul 30	
Best compliance (News)	Feb 35	
Buyers found (News)	Feb 35	
Closed in W. Va. (News)	Jan 41	
Coal companies dry out from November floods (News)	Jan 37	
Commissioner at last (News)	Mar 31	
Consol gift (News)	Mar 31	
Eastern relocation (News)	Jun 35	
Finer mines (News)	Aug 31	
Full bolting required (News)	Oct 33	
Hauling allowed (News)	Jan 41	
In the forest (News)	Jul 30	
Increased productivity (News)	Aug 31	
Letters to the editor	Oct 56	
Morgantown becoming fluidization center of world (DW)	Aug 71	
New law suggests treating rail lines as highways (News)	May 15	
Prospecting for profit (News)	Nov 31	
Rockefeller blast (News)	Mar 31	
State control (News)	Oct 33	
Wilcox miners are no longer exempt in West Virginia (News)	Sep 23	
Wisconsin		
Becomes a major market for low-sulfur coal (News)	May 22	
Wyoming		
Coal could lose markets to foreign producers (News)	Jan 27	
Jury says Illinois utility must accept Wyoming coal (News)	Jun 30	

Land Board won't increase royalty (News) ...	Jul 17	Rockefeller wants to trade for Powder River coal reserves (News) ...	Jul 26	Output (News) ...	Aug 32
Local victory (News) ...	Nov 31	Tax drops (News) ...	Sep 45	Trade pact (News) ...	Jan 43
Mobil aims to enhance western coals with new drying process.	Feb 80	Trying low-wall stripping and cast blasting, too	Oct 62	Zambia	
Oklahoma's gain, Wyoming's loss (News) ...	Jun 33			Imbalance of trade (News) ...	Feb 37
OSM gives okay to mining Red Rim (News)				Maamba mine (News) ...	Jun 37
Red Rim agreement (News) ...	Apr 37			Zimbabwe	
				African coke ovens (News) ...	Jul 33
				Imbalance of trade (News) ...	Feb 37

COMPANY INDEX

Amax Coal Co.		Writes off some coal holdings (News) ...	Jan 15	U.S. Steel sells coal property to Kaiser (News)	
To Arch (News) ...	Apr 37	Cyrus Coal Co.		Output (News) ...	Aug 32
Counts on 1985 cuts to aid 1986 performance (News) ...	Apr 31	Buys into mining's big time ...	Oct 44	Trade pact (News) ...	Jan 43
Plans to reopen Price River as Castle Gate (News) ...	Jun 33	Plateau contract (News) ...	Nov 31	Zambia	
Safe mines (News) ...	Jul 30			Imbalance of trade (News) ...	Feb 37
Top producers had a bad 1985 (News) ...	Apr 13			Maamba mine (News) ...	Jun 37
Amax, Inc.				Zimbabwe	
Acquisition completed (News) ...	Jul 30			African coke ovens (News) ...	Jul 33
Anacconda Minerals				Imbalance of trade (News) ...	Feb 37
Less thunder (News) ...	Mar 31				
Top producers had a bad 1985 (News) ...	Apr 13				
Arch Mineral Corp					
Amax to Arch (News) ...	Apr 37				
Could Buy Diamond Shamrock Coal for \$135 million (News) ...	Sep 21				
Giant BWE joins largest shovel ...	Sep 56				
Trying low-wall stripping and cast blasting, too	Oct 62				
Archer-Daniels-Midland Co.					
Boiler projects (News) ...	Sep 45				
Ashland Oil, Inc.					
Might sell its coal business (News) ...	Oct 12				
Might sell its coal properties to fight takeovers (News) ...	May 31				
Barnes & Tucker Co.					
Closed early (News) ...	May 33				
R&P bids to acquire Barnes & Tucker (News) ...	Jan 36				
UMW grievance (News) ...	Jun 35				
Beckley Coal Mining Co.					
Layoff (News) ...	Oct 33				
Bethlehem Mines Corp.					
Contract ratified (News) ...	Mar 31				
Bethlehem Steel Corp.					
Mine for sale (News) ...	Nov 31				
Big Horn Coal Co.					
Wants to change (News) ...	Nov 23				
Black Beauty Coal Co.					
Resources for sale (News) ...	Dec				
Black Butte Coal Co.					
Will supply Nevada plants (News) ...	Sep 13				
C&K Coal Co.					
Perpendicular stripping pays in northern Appalachia ...	Nov 48				
Carbon Coal Co.					
Low demand for coal closes Menthmore mine (News) ...	Sep 40				
Carbon County Coal Co.					
Hanna Mine suspends production (News) ...	Jun 17				
Spot purchase might keep mine open (News) ...	Feb 28				
Case Mining Co.					
Mining prep plant refuse line for coal ...	Apr 80				
Cleancoco Terminal Co.					
Cleancoco construction (News) ...	Jul 30				
Cogentrix, Inc.					
Turns to coal for cogeneration projects (News) ...	Nov 22				
Colorado Westmoreland, Inc.					
Plans to reopen Orchard Valley (News) ...	Oct 30				
Consolidation Coal Co.					
Acquires reserves to expand into new markets (News) ...	Oct 17				
Award (News).					
Buys Inland Steel's mines (News) ...	Nov 31				
Buy Sierra Coal from Australian company (News) ...	Dec 23				
Clean lakes (News) ...	Aug 23				
Deadly cavity (News) ...	Sep 45				
Gift (News) ...	Aug 31				
Layoffs (News) ...	Mar 31				
More layoffs (News) ...	May 33				
School district sues Consol for mine subsidence damage (News) ...	Nov 31				
Top producers had a bad 1985 (News) ...	Apr 13				
Violations cited in Consol accident (News) ...	Mar 19				
CSX Corp.					
Quintana buys CSX coal properties (News) ...	Nov 19				
Decker Coal Co.					
Award upheld (News) ...	Jan 41				
Kaiser Coal Corp.					
Production suspended (News) ...	May 33				
Rehires some, lays off others (News) ...	Jul 20				
Delta Minerals					
Guilty (News) ...	Jun 35				
Ordered to work (News) ...	Jul 30				
Diamond Shamrock Coal Co.					
Arch Mineral may buy Diamond Shamrock Coal for \$135 million (News) ...	Sep 21				
Closed in W. Va. (News) ...	Jan 41				
Eastern coal business is for sale (News) ...	Apr 35				
Plans Alaskan coal mine project (News) ...	Jan 39				
Dorchester Coal Co.					
Mines might open under new management (News) ...	Apr 31				
Drummond Coal Co.					
Consolidates its position (News) ...	Feb 23				
Might buy into Colombian mine venture (News) ...	Aug 23				
Surface mine idles (News) ...	Sep 45				
Will haul via New Orleans (News) ...	Jul 27				
Eastern Associated Coal Co.					
Back to work (News) ...	Apr 37				
Headquarters move (News) ...	Jul 30				
Keystone sold (News) ...	Oct 33				
Relocates (News) ...	Aug 31				
Relocation (News) ...	Jun 35				
Wins suit (News) ...	May 33				
Work force halves (News) ...	Sep 45				
Electric Fuels Corp.					
Buys coal company (News) ...	Apr 37				
Chinese bid in U.S. (News) ...	Jun 37				
Spot bids awarded (News) ...	Feb 35				
Eik River Resources					
Top producers had a bad 1985 (News) ...	Apr 17				
Emery Mining Corp.					
Doesn't have to reimburse miners for training (News) ...	Mar 29				
Swings back into action ...	May 42				
UP&L assumes direct control of Emery mine operations (News) ...	Jun 16				
Wilberg bodies recovered one year after disaster (News) ...	Jan 37				
Wilberg searched for cause of 1984 fire (News) ...	Oct 25				
Econo Coal, Inc.					
Headquarters move (News) ...	Jan 41				
Exxon Coal USA, Inc.					
Top producers had a bad 1985 (News) ...	Apr 15				
Fetterolf Mining					
Water supply (News) ...	Jul 30				
Gatiliff Coal Co.					
To reopen underground mine (News) ...	Jun 32				
Genoa Coal Co.					
Mine reopened (News) ...	Nov 31				
Inland Steel Coal Corp.					
Consol buys mines (News) ...	Dec				
Island Creek Coal Co.					
Correction to census (News) ...	Sep 40				
Fears it might lose coal sales to Romania (News) ...	Aug 19				
Layoffs (News) ...	Aug 31				
VP will sell Laurel Run to Island Creek (News) ...	Aug 19				
Top producers had a bad 1985 (News) ...	Apr 17				
J&J Coal Co.					
Award upheld (News) ...	Jan 41				
Kaiser Coal Corp.					
Production suspended (News) ...	May 33				
Rehires some, lays off others (News) ...	Jul 20				
Old Ben Coal Co.					
Fast-tracks a prep plant ...	Mar 49				
New president cuts staff, relocates office (News) ...	Sep 15				
Paramont Coal Corp.					
Pittston acquires Paramont (News) ...	Aug 27				
Signs contract, faces unionization move (News) ...	Oct 30				
PBS Coals					
Water supply (News) ...	Jul 30				
Peabody Coal Co.					
Closed in Ky. (News) ...	Jan 41				
Moves to new headquarters (News) ...	May 31				
New mine (News) ...	Sep 45				

OSM enters conflict between Hopi and Peabody
Coal Co. (News) Jan 21
Top producers had a bad 1985 (News) Apr 13

Pennsylvania Mines Corp.
Accident suit (News) Apr 37
Government action (News) Apr 37

Phoenix Resources, Inc.
In the forest (News) Jul 30

Pittsburg & Midway Coal Mining Co.
Acquires North River Energy Co. (News) Aug 25
Top producers had a bad 1985 (News) Apr 17

The Pittston Co.
Acquires Paramount to aid its steam coal position (News) Aug 27
Improves performance with new machinery (News) Jun 13
Top producers had a bad 1985 (News) Apr 15

Plateau Coal Sales
Must rehire (News) Jul 30

Quintana Minerals Corp.
Buys CSX coal properties (News) Nov 19

Reading & Bates Corp.
Executive plans to purchase Reading & Bates coal unit (News) Apr 32

Rochester & Pittsburgh Coal Co.
Bids to acquire Barnes & Tucker (News) Jan 36
Other Pennsylvania operators cry: R&P thrives (News) May 13

Rocky Mountain Energy Co.
Rezoning could interfere with Rocky Mountain mine (News) Jun 31

Salt Lake Project
A mine of one's own (News) Apr 37

SF Coal Corp.
Cuts back Lee Ranch operations (News) Jul 25

Shell Oil Co.
UMW urges boycott of Shell products (News)

Mar 25

Won't mine (News) Mar 31

Sierra Coal Co.
Consolidation buys Sierra Coal from Australian company (News) Aug 23

Texas Utilities Mining Co.
Buys a town to resolve complaints (News)

May 28

Cuts back plans to expand lignite mining (News)

Apr 23

Top producers had a bad 1985 (News) Apr 13

Trapper Mining Inc.
Spoil-side dip-line stripping works well with cast blasting

Aug 40

United Coal Co.
Cell creates microbubbles to latch on to finer coal

Aug 62

Paying Congressmen to tour mine sparks controversy (News) Jul 18

U.S. Steel Mining Co.
Cutbacks (News) Sep 45

85 recalled (News) Feb 35

Faces difficulties developing outside coal sales (News) Jul 19

Layoffs (News) Aug 31

Sells coal property to Kaiser (News) Feb 13

Utah International

Top producers had a bad 1985 (News) Apr 17

Valley Camp Coal Co.
Coal reserves bought (News) Aug 31

Virginia City Coal Co.
Must accept UMW union with mine it acquired (News) Feb 19

Western Associated Coal Corp.
Building by year-end (News) Mar 31

Western Energy
Fights seminal surface mining law (News) Nov 17

Rosebud layoff (News) Jun 35

Westmoreland Coal Co.
Fire forces Westmoreland's Orchard Valley mine to close (News) Jul 27

Imperial sale (News) Mar 31

Met contract (News) May 33

Workforce cut (News) Feb 35

AUTHOR INDEX

Ayat, M. G.

How to take advantage of the new OSM blasting regulations Mar 42

Beasley, Robert L., Sr.

Stemming the magnetite flood Jul 50

Boyles, Michael R.

Stemming the magnetite flood Jul 50

Brezovec, David

Cyprus Coal buys into mining's big time Oct 44

With careful planning, a mine closes economically and efficiently Nov 42

Emery swings back into action May 42

With low development costs, a small underground mine can pay Sep 62

UMW consolidates its hold Jun 117

Underground mine monitor systems Dec

Burger, John R.

It takes fewer men to make cleaner coal Jun 85

Three new approaches to problem of dewatering fine coal Jan 52

U.S. loss control management cuts production losses Feb 72

Cecala, Andrea B.

Cut longwall ignitions by lowering methane concentrations at shearers Aug 66

Chironis, Nicholas P.

Accurate detonators in trials boost production, reduce shock Apr 48

Accurate timed delays improve vibration control and breakage Jan 62

Automatic truck dispatching study in Europe finds it pays May 48

Bureau continues to pour out useful medley of machines and ideas Feb 60

Cell creates microbubbles to latch on to finer coal Aug 62

With dozers, bigger is better Jul 56

Giant BWE joins largest shovel Sep 56

Microwaves dry fine coal Dec

Novel techniques give dozers powerful capabilities Mar 58

Perpendicular stripping pays in northern Appalachia Nov 48

Smaller, versatile draglines operate in tandem, reach deep seams efficiently Dec

Speedy method pinpoints best densities for separating coal May 55

Spoil-side dip-line stripping works well with cast blasting Aug 40

Super-polymer solidifies coal-clay waste for disposal Oct 58

Surface mining of coal growth through evolution Jun 69

Tool-kit approach produces handy surface-mining software Sep 68

Trying low-wall stripping and cast-blasting, too Cox, John N. Oct 62

Stemming the magnetite flood Jul 50

Davies, Roger K. L.
Monitoring hoist safety equipment Jan 66

Davis, J. J.
Density tracers give option to float-sink tests

May 60

Divers, Edward F.
Bolt faster, cut bit costs in hard roof Jul 54

Galuszka, Peter
Midwest: new life for spot market Feb 51

1911-1986: coal's rise and fall and rise Jun 47

Gibbs, Betty L.
Power of personal computers grows in surface mining Jul 40

Green, Peter
Modern deep mining: revolutionary, evolutionary

Jun 59

Hedges, David N.
With careful planning, a mine closes economically and efficiently Nov 42

Hodel, Martha Bryson
Appalachia: things have to get better Feb 48

Jankowski, Robert A.
Cut longwall ignitions by lowering methane concentrations at shearers Aug 66

Johnston, F. Thomas
Improved silo design solves coal discharge problems Jan 57

Kissell, Fred N.
Cut longwall ignitions by lowering methane concentrations at shearers Aug 66

Ledvina, Christopher T.
Geologic mapping can boost productivity, safety underground Apr 54

Lyman, G. L.
Density tracers give option to float-sink tests

May 60

Masullo, Angelo L., Jr.

Pneumatic stowage becomes affordable Mar 52

Merritt, Paul C.

Advanced coal cleaning processes sought for superclean coal Jun 95

Cyprus Coal buys into mining's big time Oct 44

New coal-burning systems are on the threshold Jun 105

New mine projects remain few in number Nov 54

Underground mine monitor systems Dec

Organiscak, John A.

Bolt faster, cut bit costs in hard roof Jul 54

Peake, Cecil V.

Longwall output continues to rise Aug 58

Pitman, Frank

The West: production rises, but prices die

Feb 53

Prelez, L. J.

Computer selects optimum entry centers Jan 70

Rajan, Settar R.

Cut longwall ignitions by lowering methane concentrations at shearers Aug 66

Roberts, James M.

Pneumatic stowage becomes affordable Mar 52

Schneider, L. C.

How to take advantage of the new OSM blasting regulations Mar 42

Turrel, John

To sell more coal, help sell more electricity

Apr 76

Weatherington, Richard

Employment-at-will? Don't fire at will! Do's and don'ts to stay out of court Mar 62

Wilkinson, Joseph F.

Coal Age and coal, 75 years of interaction

Jun 127

William Carr receives Coal Age Award Dec

Improved silo design solves coal discharge problems Jan 57

Mining prep plant refuse line for coal Apr 80

Old Ben fast-tracks a prep plant Mar 49

Outlook 1986: over-capacity depresses prices

Feb 46

Wood, C. J.

Density tracers give option to float-sink tests

May 60

LAWRENCE BERKELEY NATIONAL LABORATORY

R